Tarr, Jeremy M [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP From:

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Sent: 10/2/2017 4:09:19 PM

To: Martin Ross [martin.ross@duke.edu]

Subject: RE: [External] NC trends

Thank you, Martin.

Jeremy Tarr Policy Advisor Office of Governor Roy Cooper 20301 Mail Service Center Raleigh, NC 27699-0301 919-814-2043 | Jeremy.Tarr@NC.Gov

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From: Martin Ross [mailto:martin.ross@duke.edu]

Sent: Monday, October 2, 2017 3:36 PM To: Tarr, Jeremy M < jeremy.tarr@nc.gov>

Subject: [External] NC trends

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Hi Jeremy,

Here are very rough GDP and emissions trends for NC, based on EIA historical data (in red) and trends from the AEO 2017 without the CPP (calculations show the tabs/rows that are referenced if you are interested). For state GDP and state-wide emissions, the NEMS model has projections for a South Atlantic region that includes NC (https://www.eia.gov/outlooks/aeo/pdf/f1.pdf), and for state power emissions there is an electricity market region covering Virginia and Carolina (https://www.eia.gov/outlooks/aeo/pdf/nerc map.pdf).

Hope it is some vague use. I'm not sure if I believe the short-term decline in emissions over the 2015-2018 years, but that is what the forecasts have...

Thanks, Martin

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